

## DURABLE WATERPROOF COMPOSITE SHEET MATERIAL

### ABSTRACT

5 A unique durable waterproof and moisture vapor permeable composite  
sheet material is described that includes a microporous film or film/nonwoven  
laminate, that is held in close proximity to one or more layers of strength  
enhancing fabrics. The disclosed composite sheet material is uniquely designed  
for use in outerwear, tents, tarps, covers, containment systems and shelters  
requiring waterproofness and breathability during extended outdoor exposure to  
10 rain and other high humidity environments.